

Figure 1. Explanation

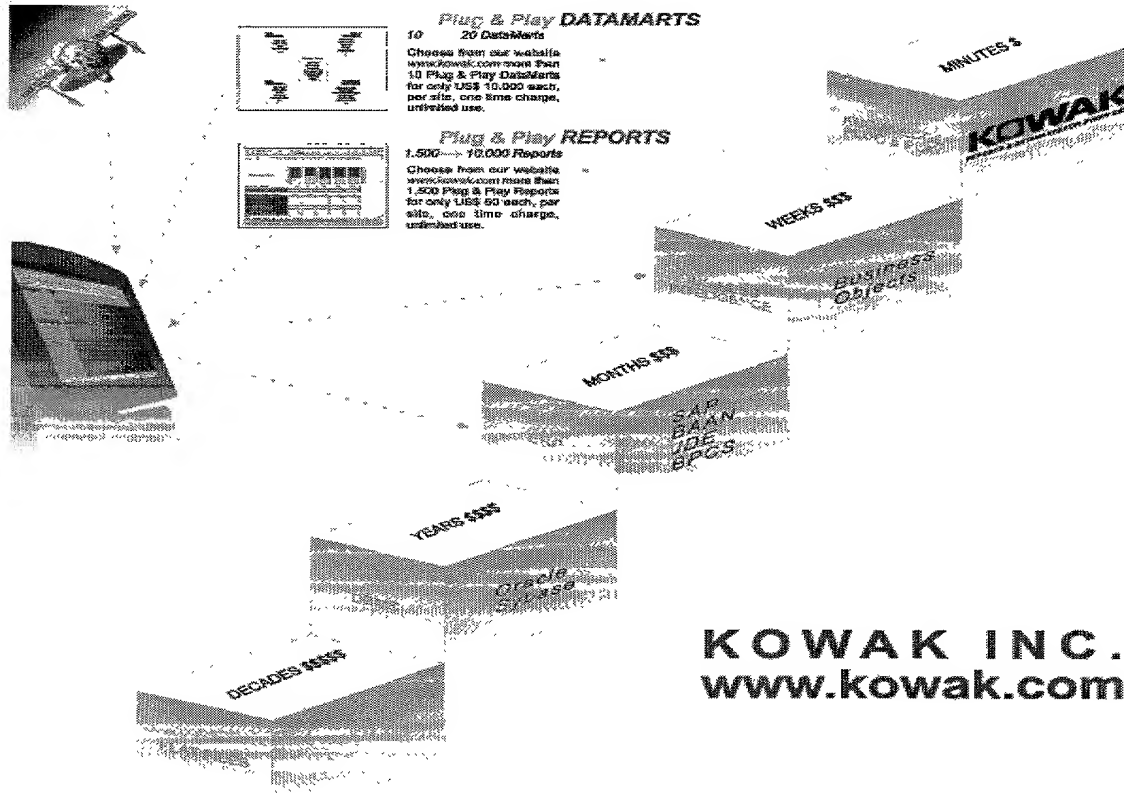


Figure 2. KOWAK Inventory Management Example

Informe Gestión de Inventarios - Gerencia Abastecimiento

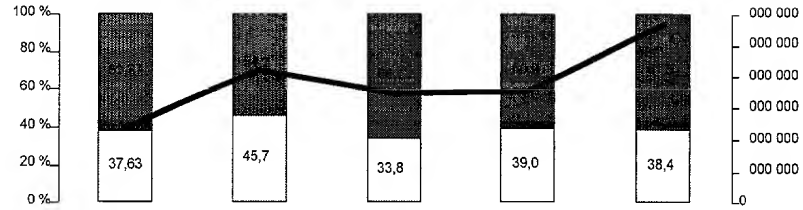
Reporte KSC0031

01/01/2000 al 31/12/2000

Datos al 15/05/2000 06.11.07 P.M.

Valorización Stock

■ Más de US\$10.000
 □ Menos de US\$10.000
 — Total Baja Rotación



INDICADORES VALOR INVENTARIO		enero	febrero	marzo	abril	mayo
Valorización Stock Materiales y Repuestos		4.203.004	4 378 178	4 630 400	4 592 201	4 679 078
Valorización Stock SIC Materiales y Repuestos		1.009.751	1.155.790	1.230.654	1 236 176	1.235 698
INDICADORES ROTACION INVENTARIO		enero	febrero	marzo	abril	mayo
Valorización Stock Alta Rotación		6 022 911	6 768 663	7.243.995	5.844 949	1 869 925
0 <= meses <= 5 (%)		1,02	2,07	1,97	2,51	2,96
5 < meses <= 17 (%)		7,21	9,42	8,59	7,14	8,09
17 < meses <= 29 (%)		7,24	7,11	9,77	9,01	6,14
meses > 29 (%)		84,54	81,40	79,67	81,34	82,81
Valorización Stock Baja Rotación		2 354.663	4 234.556	3 455 646	3 536 467	5.673 432
0 <= US\$ <= 10.000 (%)		37,63	45,71	33,83	39,05	38,44
US\$ > 10.000 (%)		62,37	54,29	66,17	60,95	61,56
Numero de Articulos SIC Automatico		984	991	997	1.047	1.047

Figure 3. KOWAK Selling and Distribution, user perspective

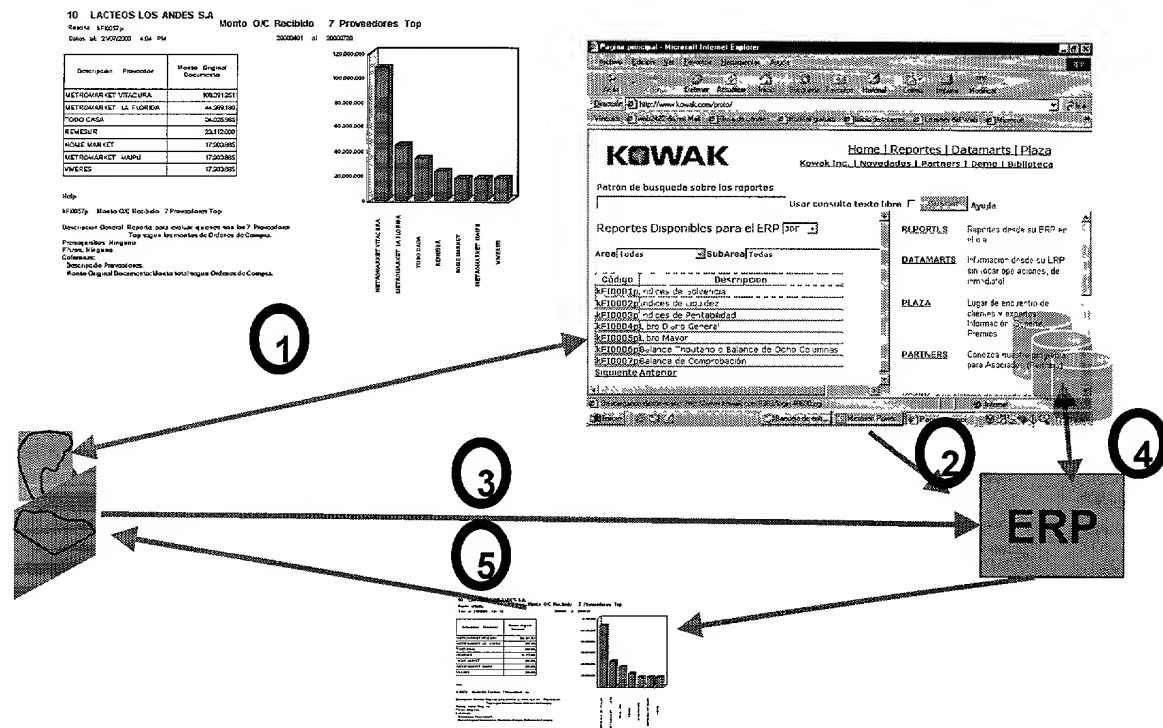


Figure 4. KOWAK Type of Users

Managing Reports
 Indicator Monitoring
 Benchmarking

Analytical Datamarts
 Analytical Reports
 Daily Reports

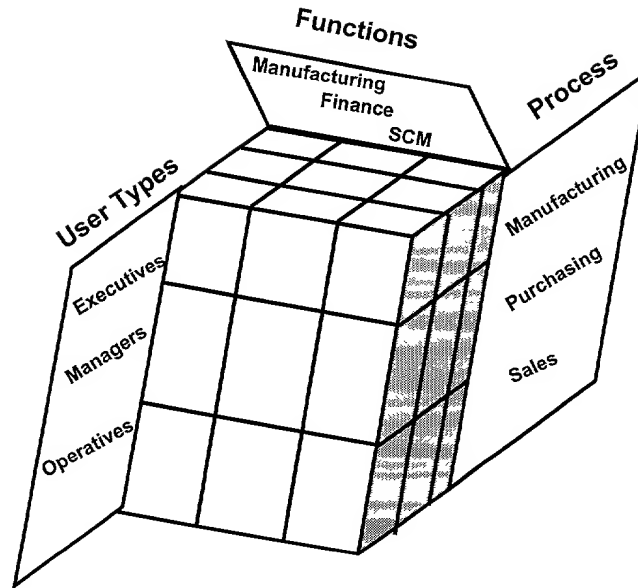


Figure 5. Making all combinations

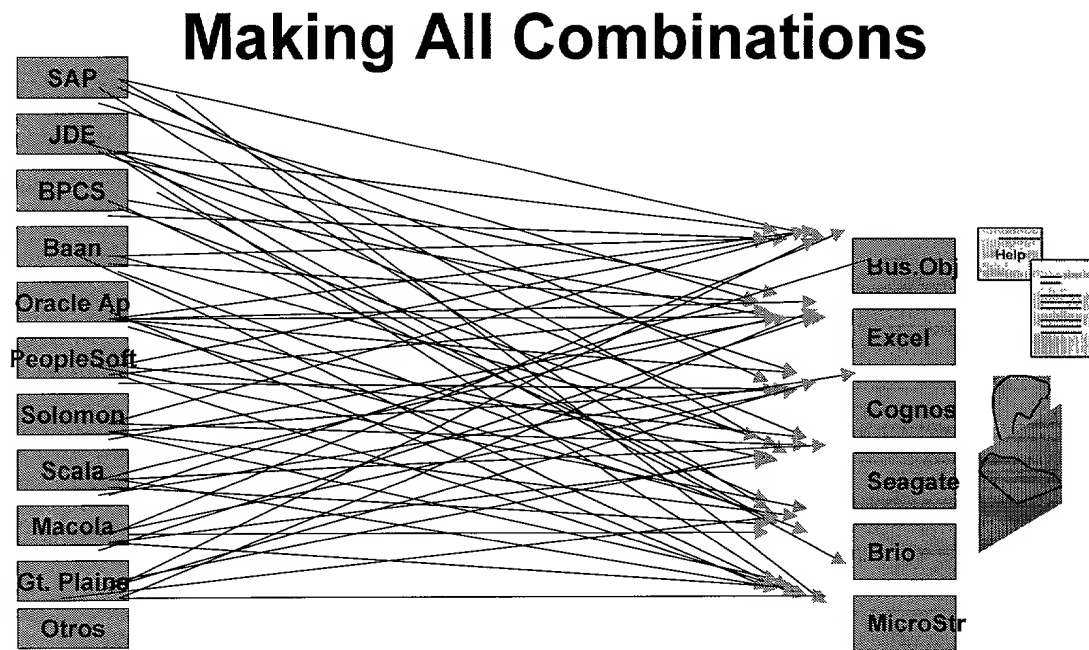


Figure 6. KOWAK Technology at the Factory

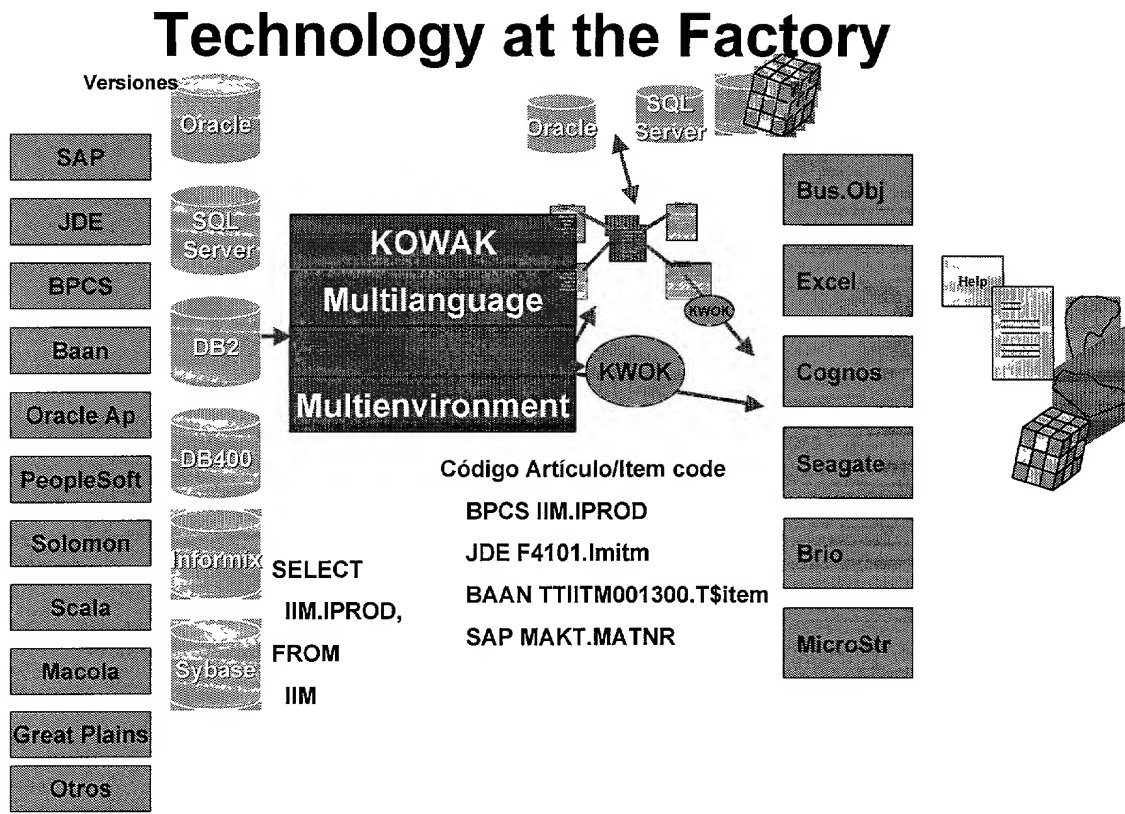


Figure 7. KOWAK Process at the Factory

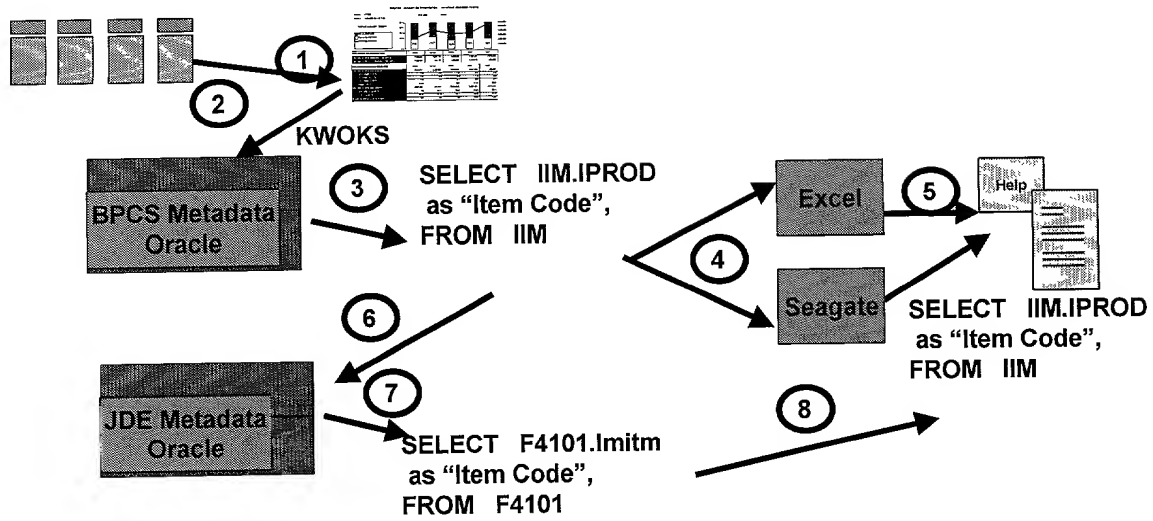


Figure 8. KOWAK Datamart Product

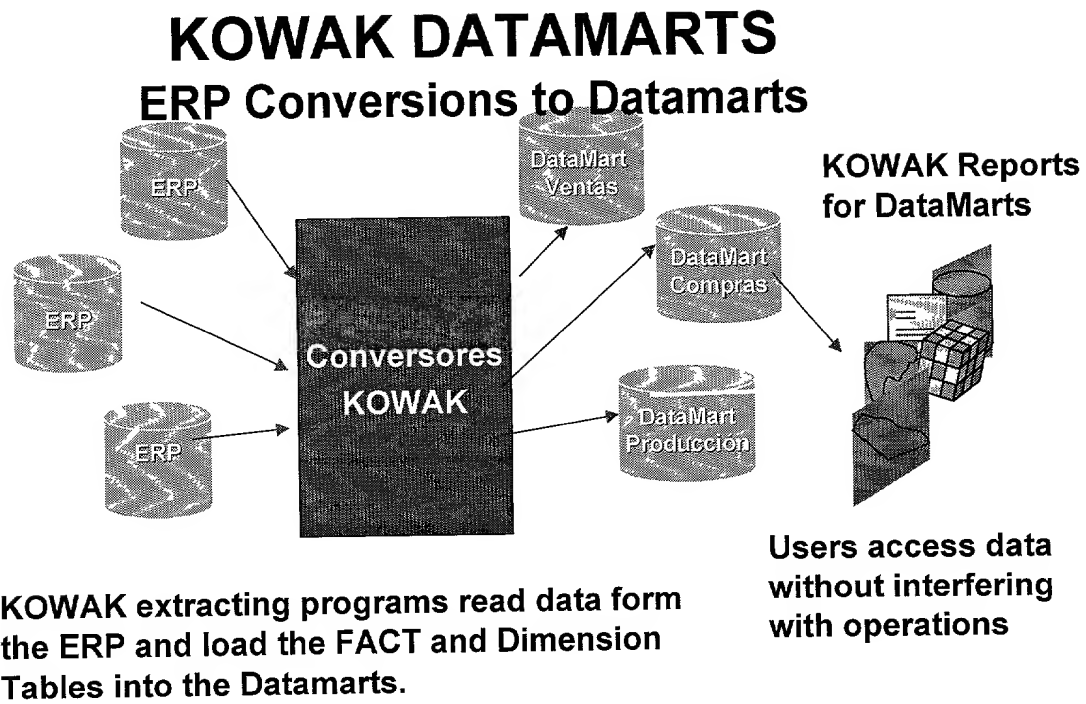


Figure 9. KOWAK Needles & Noodles Architecture

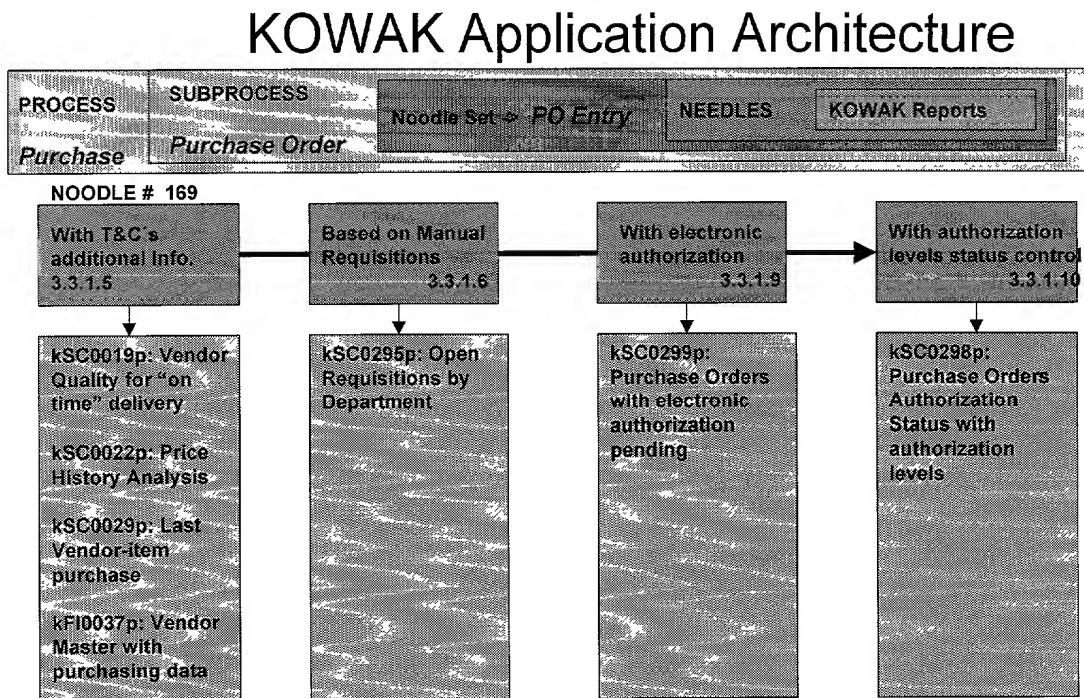
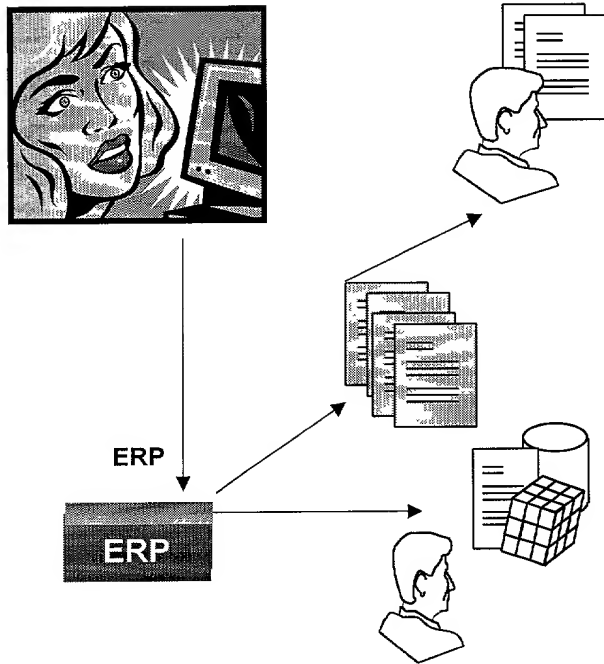


Figure 10. KOWAK Reporting

KOWAK Reporting



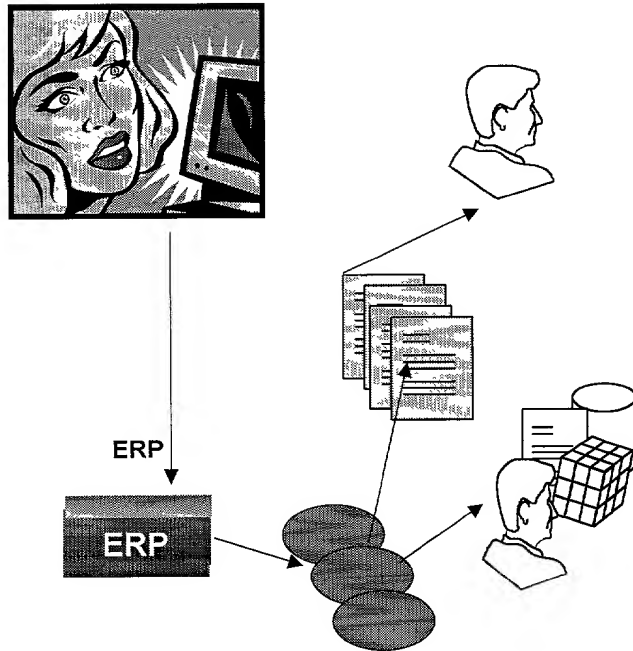
There are two ways of using KOWAK Reports:

1. One person refresh the KOWAK Reports, meaning the embedded SQL of the reports is executed obtaining fresh data from the ERP updating the reports, then send them to external or internal users like printed reports or in HTML format.
2. The external or internal users with a BI tool refresh their reports directly as Client Server or through the Web.

In both cases they can use a KOWAK Scheduler that allows the refreshing of the reports offline so as not to interfere with the transaccional systems.

Figure 11. KOWAK Datamarts

KOWAK DataMarts



IT personnel executes the KOWAK extraction, updating and loading program moving data from the ERP to the KOWAK DataMarts making them available to the users.

There are three ways of using the KOWAK DataMarts:

1. One person refresh the KOWAK Reports, then send them to external or internal users like printed reports or in HTML format.
2. The external or internal users with a BI tool refresh their reports directly as Client Server or through the Web.
3. The external or internal users utilize BI tools to analyse the KOWAK DataMarts information.

Figure 12. KOWAK Plaza

KOWAK Plaza



KOWAK customers get to the KOWAK Plaza, share information with other customers, they can put data like indicators obtained with KOWAK Reports into the plaza which KOWAK makes available in summarized anonymous ways facilitate benchmarking, they can research and order products, etc.

At the Forum they can ask questions as :

- Who has implemented Palmtops linked to SAP for the sales force ?
- I have experience implementing Baan in cooper mines, if you need help you can reach me at mary@company.com
- We are planning to implement Solomon in Wichita, Wisconsin, anyone knows of a good local implementer?



At Research they will ask questions as:

- How is the ERP market evolving?
- What new reports, datamarts are available?
- Is there a guide how to select an ERP or an implementator?

To order products:

- Quote me a report that indicates the late deliveries by transport company.
- Send me the reports kSC0567 and kFI0876
- Quote the development of the EIS, specifications attached.

Figure 13 Normal ERP Implementation.

ERP(SAP,Baan,BPCS, JDEdwards, Scala,...)

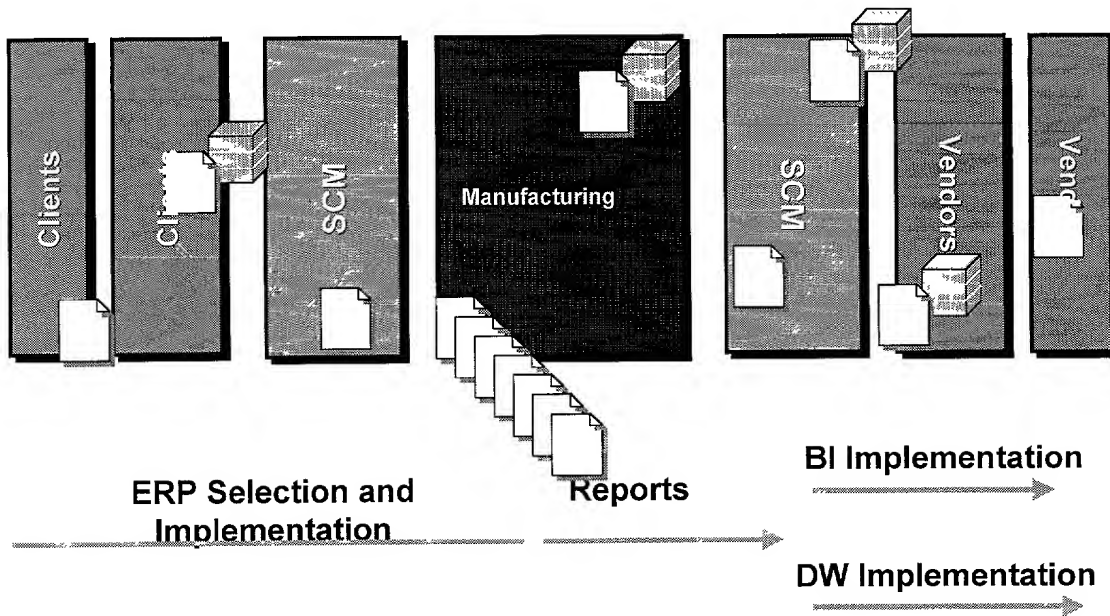


Figure 14 ERP Implementation with KOWAK.

ERP(SAP,Baan,BPCS, JDEdwards, Scala,...)

